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Oct 17, 1995

DERWENT-ACC-NO: 1995-390277
DERWENT-WEEK: 199550
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TITLE: New glycoside(s) derived from fruit extract of Ginseng Radix - used as health food and for treating arteriosclerosis, diabetes mellitus and hyperlipaemia etc.

PATENT-ASSIGNEE: ITBS KK (ITBSN)

PRIORITY-DATA: 1994JP-0063443 (March 31, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 07267977 A	October 17, 1995		005	C07H001/08

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 07267977A	March 31, 1994	1994JP-0063443	

INT-CL (IPC): A23 G 3/00; A23 L 1/30; A61 K 35/78; C07 H 1/08

ABSTRACTED-PUB-NO: JP 07267977A

BASIC-ABSTRACT:

Glycosides comprise the fruit extract of Ginseng Radix (Panax ginseng) formed in purified and dried powder of the extract.

Also claimed is the prepn. of the glycosides by removing the residue from the fruit of Ginseng Radix from which the seeds have been removed, adjusting the processed fruit to pH 8.0 with ammonia, extracting the fruit with EtOH, drying the extract, condensing to form a paste, and drying the condensed paste in vacuo to yield powder.

Also claimed is a health food comprising the fruit extract powder of Ginseng Radix sealed together with a sugar soln. in an envelope comprising 2 layers of chocolate and sugar.

USE - The prod. is used to treat (1) loss of mental power and vitality caused by ageing (2) blood vessel diseases in the heart and brain; (3) arteriosclerosis and hyperlipaemia; (4) hypoplastic anaemia; (5) hypoplasia in infants; (6) diabetes mellitus; (7) nocturnal enuresis and climatic difficulties; (8) depilation and (9) increase of body temp. The product may be formulated into health food (e.g. chocolate bonbon) or tablets.

In an example, the fruit paste (1,000 kg) of Ginseng Radix from which the seed had been removed was adjusted to pH 8.0 with ammonia and extracted with 300-500 EtOH. The extract was condensed at 80-90 deg.C for 240 min. to give 4 kg condensed paste or 20% moisture content. It was dried in vacuo at 40-60 deg.C to yield 1 kg powder of Ginseng Radix glycoside (5% water content: 70-80% active component by wt.)

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EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/4

DERWENT-CLASS: B04 D13

CPI-CODES: B04-A07E; B04-A10G; B12-M11G; B14-E11; B14-F02; B14-F06; B14-F07; B14-H01B;
B14-J01A4; B14-N17; B14-S04; D03-E; D03-E07; D03-H01L; D03-H01T;